

Appl. No. 09/883,995
In re Yamamoto, W.
Reply to Office action of Feb. 27, 2003

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A cathode cartridge of a testing device for electroplating,
~~which said cathode cartridge comprises~~ comprising:

²
a plated base having a plated part acting as a negative plate;

⁵
A a tabular cathode conductor, ~~which has~~ having an open hole having a the same shape to
that of as said plated parts part of a said plated base as a negative plate, which has said cathode
conductor having a plurality of a protruding ~~portion~~ portions that ~~presses~~ press contact to a
peripheral part around said plated ~~parts~~ part, and which is able to connect with a direct current by
an exposed portion thereof, ~~which is~~ not soaked in plating solution;

³
A a first elastic thin board, ~~which covers~~ covering a rear side of said plated base and ~~has~~
having a recess, into which said plated base is retained;

⁶
A a tabular rear wall insulator, ~~which covers~~ covering both a back side of the said cathode
conductor and a back side of the said first elastic thin board, and ~~has~~ having a recess, into which
said ^{plated base} ~~cathode conductor~~ and said first elastic thin board ~~get just~~ are retained;

⁷
A a tabular front insulator, ~~which has~~ having an open hole having the same shape to that
of as the said plated part ~~parts~~, said front insulator ~~which covers~~ covering a front side of the said
cathode conductor, and ~~has~~ having a recess, into which the said cathode conductor is retained;
and

⁴
A a second elastic thin board, ~~which has~~ having a an open hole having the same shape to

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~~that of~~ as the said plated part parts, said second elastic thin board ^{being} ~~which~~ ^(is) sandwiched between the said cathode conductor and ~~the said plated base~~, and ^{having} ~~(has)~~ a plurality of holes ~~hole~~ by which said protruding portion portions of the said cathode conductor is are guided for passing through therethrough.

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Cont'd
Claim 2 (currently amended): An anode cartridge of a testing device for electroplating, which said anode cartridge comprises comprising:

A a tabular anode conductor, ^q ~~which~~ is arranged to let a front side of ~~the~~ a cathode cartridge be opposed thereto, said anode conductor having and has an exposure part, which can ~~connect~~ be connected with direct current on ~~the~~ a part which does not soak in plating solution;

A a tabular first insulator, ~~which~~ that wraps a side of the anode conductor, ~~that faces~~ facing in the opposite direction of ~~the~~ said cathode cartridge, and which has a hollow part into which ~~the~~ said anode conductor is retained;

A a tabular second insulator, ~~which has~~ including an opened hole ~~that is the same~~ having a shape ~~corresponded~~ corresponding to ~~that of the~~ a plated part parts, and ~~covers~~ covering a side of the said anode conductor, that faces ~~in direction of the~~ said cathode cartridge.

Claim 3 (currently amended): ~~An~~ The anode cartridge according to claim 2, wherein the said second insulator is ~~at liberty of putting on and taking off for~~ removably secured to one of the said first insulator ~~or and the said cathode anode~~ conductor.